

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2005/000041

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 B01D71/02 B01D53/22 C01B3/50

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B01D C01B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 017, no. 205 (C-1051), 22 April 1993 (1993-04-22) & JP 04 349926 A (MITSUBISHI HEAVY IND LTD), 4 December 1992 (1992-12-04) abstract	1-3, 5, 9-11, 15, 16
X	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 06, 30 April 1998 (1998-04-30) & JP 10 028850 A (TOYOTA MOTOR CORP; TOYODA GOSEI CO LTD), 3 February 1998 (1998-02-03) abstract	1, 2, 15, 16
X	EP 1 180 392 A (OMG AG) 20 February 2002 (2002-02-20) claims	1-3, 7-9, 15, 16
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

° Special categories of cited documents :

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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G document member of the same patent family

Date of the actual completion of the international search

17 March 2005

Date of mailing of the international search report

29/03/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 342 500 A (SUMITOMO ELECTRIC INDUSTRIES) 10 September 2003 (2003-09-10) paragraph '0005!; claims; example 1 -----	1-3,5,6, 9,15,16
X	EP 1 362 630 A (W.C. HERAEUS GMBH) 19 November 2003 (2003-11-19) claims; examples 1,5 -----	1,2,9, 10,15,16

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB2005/000041

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 04349926	A	04-12-1992	JP 2955062 B2	04-10-1999
JP 10028850	A	03-02-1998	NONE	
EP 1180392	A	20-02-2002	DE 10039596 A1	28-02-2002
			AT 270140 T	15-07-2004
			BR 0103318 A	23-04-2002
			CA 2354952 A1	12-02-2002
			DE 50102717 D1	05-08-2004
			EP 1180392 A1	20-02-2002
			JP 2002126474 A	08-05-2002
			US 2002020298 A1	21-02-2002
EP 1342500	A	10-09-2003	CA 2399145 A1	13-06-2002
			EP 1342500 A1	10-09-2003
			US 2003000387 A1	02-01-2003
			CN 1398197 A	19-02-2003
			WO 0245832 A1	13-06-2002
EP 1362630	A	19-11-2003	DE 10222568 A1	04-12-2003
			AU 2003203623 A1	04-12-2003
			BR 0301586 A	24-08-2004
			CA 2423427 A1	17-11-2003
			CN 1460539 A	10-12-2003
			EP 1362630 A1	19-11-2003
			JP 2004000970 A	08-01-2004
			US 2003213365 A1	20-11-2003